

# THE MATHEMATICS TEACHER

EDITED BY  
W. H. METZLER

ASSOCIATED WITH  
EUGENE RANDOLPH SMITH  
MAURICE J. BABB  
HARRY D. GAYLORD  
WILLIAM E. BRECKENRIDGE

Vol. V

September, 1912—June, 1913



THE MATHEMATICS TEACHER  
SYRACUSE, N. Y.

PRESS OF  
THE NEW ERA PRINTING COMPANY  
LANCASTER, PA.

20

20

## INDEX.

Articles marked (e) are Editorials.

	PAGE.
Age, In What Operations Should Such a Requirement be Postponed to a Maturer .....	180
Applications of Arithmetic, Practical .....	9, 26
Applications of Arithmetic for Mental Discipline .....	9, 26
Applied Arithmetic .....	18
Arithmetic Committee, Preliminary Report of the .....	154
Arithmetic in the Elementary Schools .....	1
Arithmetic, Applied .....	18
Arithmetic, Practical Applications .....	9, 26
Arithmetic, Should the Student be Required to Understand the Reasons of the Steps, In What Operations of .....	180
Association, Our (e) .....	191
<b>Authors</b>	
Aley, Robert J. ....	244
Bateman, H. ....	147
Betz, William ....	219
Bowden, Joseph ....	4
Crawley, E. S. ....	235
Curtis, A. M. ....	180
Decker, F. F. ....	31
Dooley, C. R. ....	9
Evans, Geo. W. ....	215
Hathaway, Arthur S. ....	241
McKeehan, Charles L. ....	183
Moss, Sanford A. ....	197
Park, Louis L. ....	18
Reed, William ....	26
Rice, L. H. ....	145
Smith, David Eugene ....	161
Thomas, F. W. ....	206
Wightman, H. J. ....	1
Books, New .....	36, 132, 184, 248
College, Mathematical Curriculum in Secondary Schools From the Point of View of the .....	235, 244
Committee on Geometry Syllabus, Final Report of National .....	46
Committee, Preliminary Report of the Arithmetic .....	154
Course of Arithmetic, What Minimum of Applications in a .....	9, 26
Curriculum of Mathematics in Secondary Schools, 183, 193, 215, 219, 235, 241, 244	

	PAGE.
Discipline, Applications of Arithmetic for Mental .....	26
Educational Values of Geometry .....	31
English Mathematical Student, The Work of .....	147
Formal Arithmetic Be Taught, In What Grades Should .....	1
Geometry, Educational Values of .....	31
Geometry Syllabus, Final Report of National Committee on .....	46
Grades Should Formal Arithmetic be Taught, In What .....	1
Identities, A Mnemonic for Certain Trigonometric .....	145
Industrial Establishments, Mathematics in Secondary Schools from the Point of View of .....	197, 206
Mathematical Student, The Work of an English .....	147
Mathematical Subjects Included in the Curriculum of Secondary Schools .....	183, 193
Mathematics, Certain Problems in the Teaching of .....	161
Mathematics in Secondary Schools from Point of View of Indus- trial Establishments .....	197, 206
Mathematics in Secondary Schools, The Curriculum of, 215, 219, 235, 241, 244	
Mental Discipline, What Applications of Arithmetic for .....	26
Method of Multiplication, The Russian Peasant .....	4
Minimum of Practical Applications Included in a Course in Arith- metic .....	9, 26
Multiplication, The Russian Peasant Method of .....	4
New Books .....	36, 132, 184, 248
Notes and News .....	40, 138, 189, 251
Operations of Arithmetic, In Which the Pupil Should Understand the Reasons for the Steps Taken .....	180
Peasant Method of Multiplication, The Russian .....	4
Point of View (e) .....	192
Point of View of College, The Curriculum of Mathematics in Sec- ondary Schools from the .....	235, 244
Point of View of Industrial Establishments, Mathematics in Sec- ondary Schools from the .....	197, 206
Point of View of Technical Schools, The Curriculum of Mathe- matics in Secondary Schools from the .....	241
Practical Applications in Arithmetic .....	9, 26
Problems in the Teaching of Mathematics, Certain .....	161
Pupil be Required to Understand the Reasons for the Steps Taken? In What Operations of Arithmetic Should the .....	180
Report of the National Committee on Geometry Syllabus, Final ....	46
Report of the Arithmetic Committee, Preliminary .....	154
Russian Peasant Method of Multiplication, The .....	4
Schools? What Mathematical Subjects Should be Included in the Curriculum of the Secondary .....	183, 193
Secondary Schools, The Curriculum of Mathematics in 183, 193, 197, 206, 215, 219, 235, 241, 244	

	PAGE.
Student, The Work of an English Mathematical .....	147
Subject Matter of Arithmetic in Elementary Schools .....	I
Subjects Should be Included in the Curriculum of Secondary Schools? What Mathematical .....	183, 193
Syllabus, Final Report of the National Committee on Geometry ....	46
Teaching of Secondary Mathematics, Certain Problems in the .....	161
Technical Schools, The Curriculum of Mathematics in Secondary Schools from the Point of View of the .....	241
Trigonometric Identities, A Mnemonic for Certain .....	145
View, Point of (e) .....	192
Values of Geometry, Educational .....	31
Work of an English Mathematical Student, The .....	147